

## CLAIMS

What is claimed is:

5           1.     A method for correcting image data, said method comprising:

              scanning a document sheet to obtain an image data, a first optical path, and a second optical path, wherein the distance of said first optical path is variable, and a distance of said second optical path is fixed; and

10           modifying said image data by using a linear ratio.

              2.     The method according to claim 1, wherein said scanning said document sheet further comprising obtains a optical path of total track.

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              3.     The method according to claim 2, wherein the length of said optical path of said total track is changed follows a shift position of a chassis.

20           4.     The method according to claim 1, wherein said first optical path is a distance between a first mirror and a second mirror.

              5.     The method according to claim 1, wherein said first mirror within said chassis.

6. The method according to claim 1, wherein said second optical path is a distance between said first mirror and a lens.

5        7. The method according to claim 1, wherein said lens on said housing within said scanning device.

8. A device for adjusting an image data, said device comprising:

10        a housing having a lens, a charge coupled device, and a second mirror thereon, wherein a distance of the second optical path is between said lens and said first mirror; and

      a chassis having a first mirror, wherein a distance of a first optical path is between said first mirror and said second mirror.

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9. The device according to claim 8, wherein said distance of said first optical path is a fixed.

20        10. The device according to claim 8, wherein said distance of said second optical path is a variable.

11. The device according to claim 8, wherein said distance of said first optical path is change followed with a shift position of said chassis.